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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/553,001
				Filing Date	July 24, 2006
				First Named Inventor	Barbara A. Gilchrest
				Group Art Unit	1635
				Examiner Name	Zara, Jane J.
Sheet	1	of	8	Attorney Docket Number	06225.0004.PCUS00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code ² (if known)			
	A1	3,937,809	02-10-1976	Jacobi, O.K.	
	A2	4,419,343	12-06-1983	Pauly, M.	
	A3	4,508,703	04-02-1985	Redziniak, et al.	
	A4	4,621,023	11-04-1986	Redziniak, et al.	
	A5	5,077,211	12-31-1991	Yarosh, D.B.	
	A6	5,256,648	10-26-1993	Gasparro, et al.	
	A7	5,455,029	10-03-1995	Hartman, et al.	
	A8	5,470,577	11-28-1995	Gilchrest, et al.	
	A9	5,489,508	02-06-1996	West, et al.	
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	A30	6,320,039	11-20-2001	Villeponeau, et al.	

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				Group Art Unit	1635
				Examiner Name	Zara, Jane J.
Sheet	2	of	8	Attorney Docket Number	06225.0004.PCUS00

U.S. PATENT DOCUMENTS					
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		Number – Kind Code ² (if known)			
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	A33	7,094,766	08-22-2006	Gilcrest, et al.	
	A34	7,200,531	04-03-2007	Phillips, et al.	

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	A35	2003/0144233	07-31-2003	Phillips, et al.	
	A36	2003/0032611	02-13-2003	Gilcrest, et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)				
	B1	AU 717296	06-03-1996	Bio Merieux		
	B2	CA 2,224,150	12-12-1996	Trustees of Boston University		
	B3	EP 0 035 384 A2	09-09-1981	Rutter		
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	B6	WO 93/12230	06-24-1993	SRI International		
	B7	WO 93/22431	11-11-1993	Baylor College of Medicine		
	B8	WO 94/08053	04-14-1994	ISIS Pharmaceuticals, Inc.		

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				Examiner Name	Zara, Jane J.
Sheet	3	of	8	Attorney Docket Number	06225.0004.PCUS00

	B9	WO 95/01773	01-19-1995	Trustees of Boston University		
	B10	WO 95/07362	03-16-1995	Public Health Laboratory Service Board		
	B11	WO 95/09175	04-06-1995	Burns, et al.		
	B12	WO 96/23508	08-08-1996	Board of Regents of the University of Nebraska		
	B13	WO 96/27131	09-06-1996	E. Salonen		
	B14	WO 96/39152	12-12-1996	Trustees of Boston University		
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	B16	WO 97/08314	08-23-1996	The Rockefeller University		
	B17	WO 97/20924	06-12-1997	Saicom S.R.L. Scaggiante		
	B18	WO 97/38013	10-16-1997	Geron Corporation		
	B19	WO 97/44450	11-27-1997	Yale University		
	B20	WO 98/06702	02-19-1998	Bayer Aktiengesellschaft	Abstract	
	B21	WO 98/36066	08-20-1998	The Rockefeller University		
	B22	WO 99/03507	01-28-1999	Board of Regents of the University of Nebraska		
	B23	WO 01/18015	03-15-2001	Geron Corporation		
	B24	WO 01/44465	06-21-2001	Bioniche Life Sciences Inc.		
	B25	WO 01/74342	10-11-2001	Trustees of Boston University		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²

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Sheet	4	of	8	Attorney Docket Number	06225.0004.PCUS00

C1	Akiyama, M., et al. , "Cytostatic Concentrations of Anticancer Agents do not Affect Telomerase Activity of Leukaemic Cells in Vitro," European Jour, of Cancer, 35(2):309-315 (1999)	
C2	Anderson, W.F. , "Human Gene Therapy," Nature, Vol. 392, pp. 25-30 (April 1998)	
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C9	Chen, L., et al. , "WRN, the Protein Deficient in Werner Syndrome, Plays a Critical Strutural Role in Optimizing DNA Repair," Aging Cell, Vol. 2, pp. 191-199 (2003)	
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C14	El-Deiry, W.S., et al. , "WAF1, a Potential Mediator of p53 Tumor Suppression," Cell, 75:817-8-25 (1993)	
C15	Eller, M.S., et al. , "The Effect of Oligonucleotide Size and 5001' Phosphate on Stimulation of Melanogenesis," Journal of Investigative Dermatology," Abstract No. 113, Vol. 112(4):541 (1999)	

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	C16	Eller, M.S., et al., "Induction of Apoptosis by Telomere' Overhang-Specific DNA," Experimental Cell Research, Vol. 276, pp. 185-193 (2002)	
	C17	Eller, M.S., et al., "Enhancement of DNA Repair in Human Skin Cells by Thymidine Dinucleotides: Evidence for a p53-Mediated Mammalian SOS Response," Proc. Natl. Acad. Sci, USA, Vol. 94, pp. 12627-12632 (1997)	
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C33	Li, G.Z., et al., "Evidence that Exposure of the Telomere 3' Overhang Sequence Induces Senescence," Proc Natl Acad Sci USA, Vol. 100, pp. 527-531 (2003).	
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C47	Orkin, et al., "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy, Distributed by the National Institutes of Health, December 7, 1995	

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C62	Wei, Q., et al. , "DNA Repair and Aging in Basal Cell Carcinoma: A Molecular Epidemiology Study," Proc. Natl. Acad. Sci. USA 90:1614-1618 (1993)	
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/553,001
				Filing Date	July 24, 2006
				First Named Inventor	Barbara A. Gilchrest
				Group Art Unit	1635
				Examiner Name	Zara, Jane J.
Sheet	8	of	8	Attorney Docket Number	06225.0004.PCUS00

C65	WU, K., et al., "Telomerase Activity and Telomere Length in Lymphocytes from patients with Cutaneous T-Cell Lymphoma," Cancer, 86(6):1056-1063 (1999)	
C66	Yaar, M., et al., "Aging Versus Photoaging: Postulated Mechanisms and Effectors," The Society for Investigative Dermatology Symposium Proceedings, 3:47-51 (1998)	
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C68	08/467,012 - Non-final office action dated 09-17-1996	
C69	08/467,012 - Non-final office action dated 06-10-1997	
C70	08/467,012 - Final office action dated 01-21-1998	
C71	08/467,012 - Notice of Allowance dated 03-16-1999	
C72	09/048,927 - Non-final office action dated 06-15-1999	
C73	09/048,927 - Final office action dated 01-12-2000	
C74	09/048,927 - Notice of Allowance dated 06-20-2000	
C75	09/540,843 - Restriction Requirement dated 07-03-2001	
C76	09/540,843 - Restriction Requirements dated 09-20-2001	
C77	09/540,843 - Non-final action dated 03-15-2002	
C78	09/540,843 - Non-final office action dated 11-18-2002	
C79	09/540,843 - Non-final office action dated 08-12-2003	
C80	09/540,843 - Final office action dated 02-26-2004	
C81	09/540,843 - Final office action dated 05-10-2005	
C82	09/540,843 - Non-final office action dated 08-24-2005	
C83	09/540,843 - Notice of Allowance and Examiner's amendment dated 03--02-2006	
C84	10/122,630 - Restriction Requirement dated 11-21-2003	
C85	10/122,630 - Non-final office action dated 02-01-2006	
C86	10/122,630 - Final office action dated 10-19-2006	
C87	10/122,630 - Advisory action dated 03-19-2007	
C88	10/122,633 - Restriction Requirement dated 10-06-2004	
C89	10/122,633 - Non-final office action dated 02-23-2005	
C90	10/122,633 - Notice of Allowance dated 09-21-2005	
C91	11/195,088 - Restriction Requirement dated 03-17-2006	
C92	11/195,088 - Non-final action dated 06-13-2006	
C93	11/195,088 - Final office action dated 03-12-2007	
C94	11/195,088 - Non-final office action dated 05-20-2008	
C95	11/185,088 - Final office action dated 01-29-2009	
C96	11/409,706 - Non-final office action dated 05-18-2007	
C97	11/409,706 - Final office action dated 02-07-2008	
C98	11/409,706 - Non-final office action dated 11-13-2008	

Examiner Signature		Date Considered	
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